IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Shuichi EZAKI et al.

Application No.: New U.S. National Stage of

PCT/JP2004/019147

Filed: June 8, 2006 Docket No.: 128369

For: VALVE GEAR OF INTERNAL COMBUSTION ENGINE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- 2. Relevance of one or more non-English language reference is discussed in the present specification. See References 4 and 5.
- 3. One or more reference cited herein was cited in the International Search Report. An English language version of the International Search Report is attached for the Examiner's information. See References 2-7.
- 4. In accordance with 37 CFR §1.98(a)(2)(ii), copies of any U.S. patents and patent application publications are not attached.
- 5. A concise explanation of the relevance of one or more non-English language reference cited herein appears in the Appendix attached hereto. See References 4 and 5.
- 6. An English language Abstract of one or more non-English language reference is attached hereto. See References 4-6.

- 7. A computer-generated English language translation of one or more Japanese Patent Publication cited herein has been obtained from the website of the Japanese Patent Office ([http://www.jpo.go.jp]), and is attached, but has not been reviewed for accuracy. See Reference 4.
- \boxtimes 8. Reference <u>1</u> corresponds to reference <u>7</u>.

Respectfully submitted,

James/A/Oliff

Registration No. 27,075

Jesse O. Collier

Registration No. 53,839

JAO:JOC/emt

Date: June 8, 2006

OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, Virginia 22320 Telephone: (703) 836-6400 DEPOSIT ACCOUNT USE
AUTHORIZATION
Please grant any extension
necessary for entry;
Charge any fee due to our
Deposit Account No. 15-0461

AP3 Rec'd PCT/PTO 18 JUN 2005 10/582120 Sheet 1 of 1

| Form PTO-1449 (REV. 1/06) | | US Dept. of Commerce PATENT & TRADEMARK OFFICE | | ATTY DOCKET NO. 128369 | | | APPLICATION NO. New U.S. National Stage of | | |
|---|-------------|--|------------|---------------------------------|------------------|-----------------|--|--------------------------------|--|
| INFORMATION DISCLOSURE STATEMENT | | | | | | | PCT/JP200 | 04/019147 | |
| (Use several sheets if necessary) | | | | APPLICANTS Shuichi EZAKI et al. | | | | | |
| | | | | FILING June 8, | | | | | |
| U.S. PATENT DOCUMENTS | | | | | | | | | |
| Examiner Initials | Cite No. | Document Number | Date | | Name | | | | |
| | 1 | 2003/0051688 A1 | 03/20/2003 | | Chang et al. | | | | |
| | 2 | 5,598,814 | 02/04/1997 | | Schroeder et al. | | | _ | |
| | 3 | 5,327,856 | 07/12/1994 | | Schroeder et al. | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | | | |
| Examiner Initials | Cite No. | Document Number | Da | te | Country | | With English Abstract | With English Translation | |
| | 4 | JP A 8-177536 | 07/09/19 | 96 | Japan | | х | х | |
| | 5 | JP A 59-68509 | 04/18/19 | 84 | Japan | | x | | |
| | 6 | FR 2 608 675 | 06/24/19 | 88 | France | | х | | |
| | 7 | WO 03/025353 A1 | 03/27/20 | 03 | WIPO | | | | |
| | | | | | | | | | |
| OTHER DOCUMENTS | | | | | | | | | |
| Examiner Initials | Cite No. | (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | |
| | | | | | | | | | |
| | | | | | | | - | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| EXAMINER | | | | | | DATE CONSIDERED | | | |
| Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | | | |

Date: June 8, 2006

Apparclix

Comments on the IDS materials

JP-A No.H8-177536

This publication has already been mentioned in the specification of the present invention as a prior art document. In this document, there is disclosed a valve gear, which opens and closes an intake valve by rotating a cam shaft by stepping motor.

JP-A No.S59-68509

This publication has already been mentioned in the specification of the present invention as a prior art document. In this document, there is disclosed valve gear, which opens and closes an intake valve and an exhaust valve by rotating a cam shaft by stepping motor. A rotating angle of the cam shaft for a crank shaft is controlled by controlling a step-wise pulse which is transmitted to the stepping motor.